

Product datasheet

Recombinant hepatitis c virus Hepatitis C Virus NS3 + NS4A protein ab198093

[2 Images](#)

Description

Product name	Recombinant hepatitis c virus Hepatitis C Virus NS3 + NS4A protein
Biological activity	Assay Conditions: Assay was performed using 100 µl HCV assay buffer containing 50 mM Tris, pH 7.4, 150 mM NaCl, 5 mM DTT, 10% glycerol, and 5 µM fluorescently labeled HCV substrate peptide. Reaction was continuously monitored at room temperature for 20 min. at ex350/em500.
Purity	>= 80 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>AF054247</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Hepatitis C virus
Sequence	MDYKDDDDKHHHHHHGSSVVVGRILSGSGSITAYSQQTRG VLGCIITSL TGRDKNQVEGEVQVVSTATQSFLATCINGVCWTVYHGAG SKTLAGPKGPI TQMYTNVDLDLVGWQAPPGARSMTPCSCGSSDLVLVTR HADVIPVRRRGD SRGSLLSPRPVSYLKGS GGPLLCPSGHVVGVFRAAVCT RGVAKAVDFIP VESMETTMRS
Predicted molecular weight	22 kDa including tags
Tags	His-DDDDK tag N-Terminus
Additional sequence information	Fusion protein corresponding to the serine protease NS3 (a.a. 3-181) and cofactor NS4A (a.a. 21-32) from Hepatitis C virus genotype 1b.

Specifications

Our **Abpromise guarantee** covers the use of **ab198093** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Functional Studies

Form

Liquid

Additional notes

Abcam has not and does not intend to apply for the REACH Authorisation of customers' uses of products that contain European Authorisation list (Annex XIV) substances.

It is the responsibility of our customers to check the necessity of application of REACH Authorisation, and any other relevant authorisations, for their intended uses.

Preparation and Storage

Stability and Storage

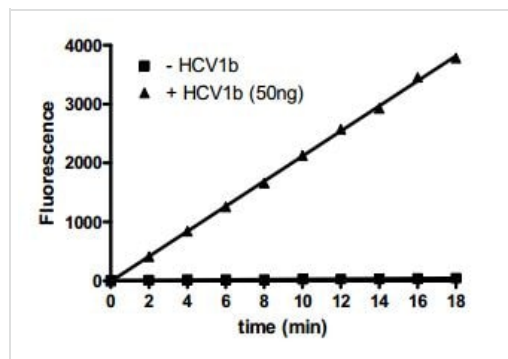
Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.79% Tris HCl, 2.9% Sodium chloride, 10% Glycerol (glycerin, glycerine), 0.02% Triton X-100, 0.08% Beta mercaptoethanol

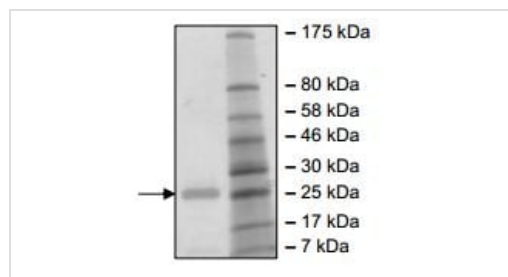
This product is an active protein and may elicit a biological response in vivo, handle with caution.

Images



Activity assay using ab198093.

Functional Studies - Recombinant hepatitis c virus
Hepatitis C Virus NS3 + NS4A protein (ab198093)



4-20% SDS-PAGE analysis of 2 µg ab198093 with Coomassie staining.

SDS-PAGE - Recombinant hepatitis c virus
Hepatitis C Virus NS3 + NS4A protein (ab198093)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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- We investigate all quality concerns to ensure our products perform to the highest standards

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